

SEQUENCE LISTING

<110> Shinohara, Toshimichi
Shingh, Dhirendra P.
Chylack, Leo T.

<120> Lens Epithelial Cell Derived Growth
Factor

<130> B0801/7116

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<141> 1998-07-23

<150> U.S. 60/053,549

<151> 1997-07-23

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gacgccccga ggcatectcc cccgcccgcg ggcccggtag ctggggccgc gtcgcgcgcc      240
cgcatccccg cgccgcgcga tctcctcgcc gcctcccggg ctcgggaccc ccggtctcgc      300
ccccggaaac atg act cgc gat ttc aaa cct gga gac ctc atc ttc gcc      349
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Lys Met Lys Gly Tyr Pro His Trp Pro Ala Arg Val Asp Glu Val Pro
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gat gga gct gta aag cca ccc aca aac aaa cta ccc att ttc ttt ttt      445
Asp Gly Ala Val Lys Pro Pro Thr Asn Lys Leu Pro Ile Phe Phe Phe
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Gly Thr His Glu Thr Ala Phe Leu Gly Pro Lys Asp Ile Phe Pro Tyr
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 Ser Thr Leu Asp Asn
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 Glu Thr Ala Phe Leu Gly Pro Lys Asp Ile Phe Pro Tyr Ser Glu Asn
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 Lys Glu Lys Tyr Gly Lys Pro Asn Lys Arg Lys Gly Phe Asn Glu Gly
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 85 90 95
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 115 120 125

Ser Asn Glu Asp Val Thr Lys Ala Val Asp Ile Thr Thr Pro Lys Ala
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 165 170 175
 Ser Pro Lys Arg Gly Arg Pro Ala Ala Thr Glu Val Lys Ile Pro Lys
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 Pro Arg Gly Arg Pro Lys Met Val Lys Gln Pro Cys Pro Ser Glu Ser
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 Asp Ile Ile Thr Glu Glu Asp Lys Ser Lys Lys Lys Gly Gln Glu Glu
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 Lys Gln Pro Lys Lys Gln Pro Lys Lys Asp Glu Glu Gly Gln Lys Glu
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 260 265 270
 Ser Asp Ser Glu Glu Glu Gly Asp Asp Gln Glu Gly Glu Lys Lys Arg
 275 280 285
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 Gly Gln His Glu Lys Glu Ala Ala Asp Arg Lys Arg Lys Gln Glu Glu
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 Gln Met Glu Thr Glu Gln Gln Asn Lys Asp Glu Gly Lys Lys Pro Glu
 325 330 335
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 340 345 350
 Gln Arg Ile His Ala Glu Ile Lys Asn Ser Leu Lys Ile Asp Asn Leu
 355 360 365
 Asp Val Asn Arg Cys Ile Glu Ala Leu Asp Glu Leu Ala Ser Leu Gln
 370 375 380
 Val Thr Met Gln Gln Ala Gln Lys His Thr Glu Met Ile Thr Thr Leu
 385 390 395 400
 Lys Lys Ile Arg Arg Phe Lys Val Ser Gln Val Ile Met Glu Lys Ser
 405 410 415
 Thr Met Leu Tyr Asn Lys Phe Lys Asn Met Phe Leu Val Gly Glu Gly
 420 425 430
 Asp Ser Val Ile Thr Gln Val Leu Asn Lys Ser Leu Ala Glu Gln Arg
 435 440 445
 Gln His Glu Glu Ala Asn Lys Thr Lys Asp Gln Gly Lys Lys Gly Pro
 450 455 460
 Asn Lys Lys Leu Glu Lys Glu Gln Thr Gly Ser Lys Thr Leu Asn Gly
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 Gly Ser Asp Ala Gln Asp Gly Asn Gln Pro Gln His Asn Gly Glu Ser
 485 490 495
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 Asp Asn
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 20 25 30
 gaa aaa caa cct aaa aag cag cct aag aag gat gaa gag ggc cag aag 144
 Glu Lys Gln Pro Lys Lys Gln Pro Lys Lys Asp Glu Glu Gly Gln Lys
 35 40 45
 gaa gaa gat aag cca aga aaa gag ccg gat aaa aaa gag ggg aag aaa 192
 Glu Glu Asp Lys Pro Arg Lys Glu Pro Asp Lys Lys Glu Gly Lys Lys
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 65 70 75 80
 acc tcc gat tct gaa gaa gaa gga gat gat caa gaa ggt gaa aag aag 288
 Thr Ser Asp Ser Glu Glu Glu Gly Asp Asp Gln Glu Gly Glu Lys Lys
 85 90 95
 aga aaa ggt ggg agg aac ttt cag act gct cac aga agg aat atg ctg 336
 Arg Lys Gly Gly Arg Asn Phe Gln Thr Ala His Arg Arg Asn Met Leu
 100 105 110
 aaa ggc caa cat gag aaa gaa gca gca gat cga aaa cgc aag caa gag 384
 Lys Gly Gln His Glu Lys Glu Ala Ala Asp Arg Lys Arg Lys Gln Glu
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[illegible]

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[illegible]

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cccattttct	tttttggaa	tcatgagact	gcttttttag	gaccaaagga	tatatttcct	180
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<213> Homo Sapiens

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Leu	Leu	Glu	Asp	Ser	Pro	Lys	Arg	Pro	Lys	Glu	Ala	Glu	Asn	Pro	Glu
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Val	Gly	Lys	Gln	Arg	Glu	Ile	Ala	Arg	Gln	Phe	Thr	His	Ala	Gly	His
				85					90					95	
Ser	Met	Ile	Thr	Asp	Asp	Met	Ser	Cys	Asp	Asp	Val	Pro	Asn	Lys	Lys
			100					105					110		
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		355					360					365			
Val	Gln	Ser	His	Met	Ala	Gln	Ser	Pro	Phe	Met	Ala	Thr	Met	Ala	Gln
	370					375					380				
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 gcagtattaa cagctacatt atacagtaaa tgtgggataa aatccattta gaaaatgtta 240
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Glu	Glu	Glu	Gly	Asp	Asp	Gln	Glu	Gly	Glu	Lys	Lys	Arg	Lys	Gly	Gly
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His	Ala	Glu	Ile	Lys	Asn	Ser	Leu	Lys	Ile	Asp	Asn	Leu	Asp	Val	Asn
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 Ile Thr Gln Val Leu Asn Lys Ser Leu Ala Glu Gln Arg Gln His Glu
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 Glu Ala Asn Lys Thr Lys Asp Gln Gly Lys Lys Gly Pro Asn Lys Lys
 275 280 285
 Leu Glu Lys Glu Gln Thr Gly Ser Lys Thr Leu Asn Gly Gly Ser Asp
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 Ala Gln Asp Gly Asn Gln Pro Gln His Asn Gly Glu Ser Asn Glu Asp
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